

No: 2022-10057-1



中国认可
国际互认
检测
TESTING
CNAS L0461



210009349369

TEST REPORT

Equipment under Test: Quadruped Robot

Model Number: B1

Manufacturer: Hangzhou Yushu Technology Co., Ltd.

Zhejiang Kezheng Electronic Information Product Testing Co., Ltd.

National computer Peripheral equipment quality inspection and Testing Center

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Test Report

No:2022-10057-1

Product	Quadruped Robot	Model type	B1
		Trademark	Unitree
Entrusted By	Hangzhou Yushu Technology Co., Ltd.	Testing Type	Entrustment
Manufacturer	Hangzhou Yushu Technology Co., Ltd.	Sample Class	——
Sample Origin	Delivered	Delivery Date	2021-12-13
Sample Number	One set	Delivered by	Li Feng
Sample Radix	——	Manufacture Date	——
Test Standards	IEC 60529:1989+AMD1:1999+AMD2:2013 Degrees of protection provided by enclosures(IP Code)		
Test Items	IP Code 68 test of protection		
Test Result	<p>This test proved that the B1 Quadruped Robot manufactured by Hangzhou Yushu Technology Co., Ltd. complied with the Test Standard.</p> <p>Issue Date: January 18, 2022</p>		
Remark			

Approved by: Wang Weisong Checked by: Liu Canhui Chief tester: Zhang Fei

Test Site	Zhejiang Kezheng Electronic Information Product Testing Co., Ltd. National computer Peripheral equipment quality inspection and Testing Center				
Test Date	2022-01-14				
Main Testing Equipments and Instruments	S/N	Description	Model	No.	Cal due
	1	IP water proof testing system	HY-IPX1-6	SB116	2022-07-07
	2	Dust test chamber	SC-080	HJ0076	2022-11-30
Power supply mode	Rated voltage: 58.5V Rated current: / Rated frequency: /				
Sample Number	1#: /				
Distribution Of Sample	1#: IP Code 68 test of protection				
Remark	Climatic conditions: Ambient temperature: (20~25)°C Relative humidity: (45~50)% Atmospheric pressure: (101~103)kPa				



EUT picture



Test Items	Technical specifications	Result
		1#
IP6X	<p>Dust-tight, No ingress of dust.</p> <p>The test is performed using a dust chamber. The talcum powder used shall be able to pass through a square-meshed sieve the nominal wire diameter of which is 50 μm and the nominal width of a gap between wires 75 μm. The amount of talcum powder to be used is 2 kg per cubic metre of the test chamber volume.</p> <p>Duration of test: 8 hours</p> <p>After the test, the appearance structure and operations should be normal, the inside of EUT should be no dust.</p>	Pass
IPX8	<p>Diving tests for a short time, No ingress of water.</p> <p>-The test is made using a water tank.</p> <p>-Temperature of the water tank: 23°C \pm5°C</p> <p>-Samples from the bottom of the water: 1000mm</p> <p>-Duration of test: 3 hours</p> <p>After the test, the appearance structure and operations should be normal, the inside of EUT should be no water.</p>	Pass
Remark		

Tester: Hua Haipo Zhou Wei



IP6X

Test picture



IPX8

NOTES

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